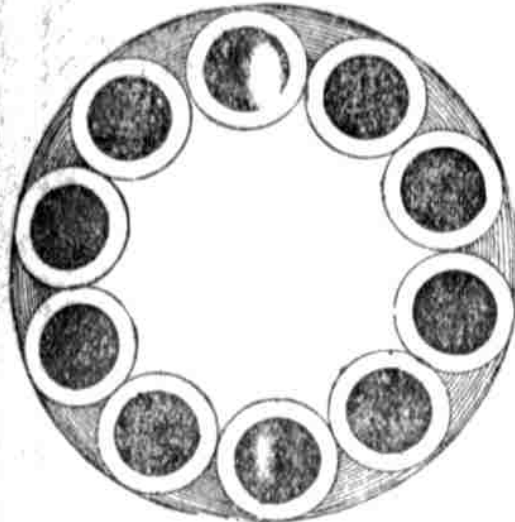


AGRICULTURAL HINTS.

TILE FOR WELL WALLS.

In Many Respects It Is More Advantageous Than Limestone.

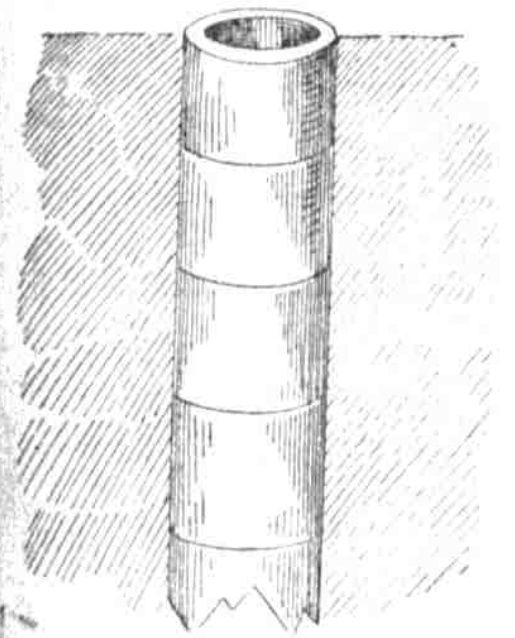
Some farmers dig and wall their own wells, but the greater number hesitate to undertake the job on account of difficulty in making the wall. In locations where stone is scarce or where experienced help for laying the wall is wanting, well-burned drain tile can be used and placed in position by anyone. Where it is not necessary to dig a well deeper than twenty-five feet, and rock and sands are not likely to be encountered, the work may safely be un-



HORIZONTAL SECTION OF WELL WALLED WITH FIVE-INCH TILE.

dertaken by the farmer and his hand. Make the excavation about four feet in diameter. It is inconvenient to work where the width is less. A windlass may be made from a round pole with pins inserted for handles, and resting upon wooden forks. Should heavy boulders be encountered in excavating they can probably be broken up by a large sledge-hammer used perseveringly. At least we have removed such obstructions in this way each time the attempt was made.

It is customary in this section to dig, say to a depth of fifteen feet, and then bore into the earth with a two-inch augur welded to a slender gaspipe ten feet in length. Should this tap the water-bearing stratum the water will rise in the well and make further ex-



WELL MADE OF TEN OR TWELVE-INCH TILE.

avation unnecessary. Frequently the water rushes up with such rapidity that the auger-hole must be plugged until the wall is made.

The size of tile for wall is usually five-inch. It is well to have a few pieces of a smaller size at hand, also some broken lengths for clinking. Place the tiles in a circle around bottom of well as shown. Should the last one of the layer not fit snugly, use a smaller size or the broken pieces, securing it in such a way that all the tiles will be firm. Continue layer upon layer in this way until the top is reached.

In case the water enters the well as rapidly as it can be pumped out, the wall may be simply large tiles placed one above another. This operation may be done wholly from the top, if a guide is made for holding the tile in place as it is lowered until earth is filled around. When completed, the excavation is filled by replacing the earth, and nothing is open except the interior of the column of tile. For such a wall as this, care should be taken to secure strong, thick tile which have been thoroughly burned, and free from cracks.

Several wells of this description have been made in this vicinity. Although limestone is easily obtained, many prefer the drain tile, and the latter is growing in favor for the purpose indicated.—Robert L. Dean, in Country Gentleman.

Fine Stock Needs Good Care.

The man who cannot give improved stock the same care and attention that has made it what it is, has no business to meddle with it. This applies to the entire range from horses to bantams. The best strains, the finest individuals, and the most experienced coupling will avail nothing if the care, feed and attention which have brought the stock to perfection is not continued and judiciously employed. This does not matter so much when a pair is procured to serve a few sows for a season when the product is for pork, and he goes with it; but it is important in every breeding effort for stud purposes.—Colman's Rural World.

Mississippi's Convict Farm.

Mississippi has a convict farm, and it is not only self-supporting, but actually yields a profit of something like \$10,000.

CATTLE STATISTICS.

Valuable Tables Reported by the Department of Agriculture.

Harry A. Robinson, statistician of the department of agriculture, has submitted a report, of which the following is part:

I hand you herewith tabular statement, prepared in accordance with your request, showing the estimated number of cattle in the various states and territories of this country in January, 1895, and also the area in square miles of each state and territory. The figures for cattle include milch cows, oxen and other cattle, and are taken from the statistician's report for January and February last. The figures on area are from the annual report of the commissioners of the general land office.

By these tables I have made an effort to divide the strictly farm states from the range states, and by showing the comparative area, as well as the cattle population of each region, get somewhat at the truth of the theory that as agriculture advances cattle disappear. Here is a table of the farm states:

STATE	Area in Sq. Miles	Number of Cattle in Jan. 1895
Maine	35,000	306,932
New Hampshire	9,280	107,503
Vermont	10,212	200,977
Massachusetts	7,800	261,104
Rhode Island	1,303	36,306
Connecticut	4,750	210,624
New York	47,000	2,259,434
New Jersey	8,320	241,587
Pennsylvania	45,000	1,624,647
Delaware	2,120	60,386
Maryland	11,124	501,396
Virginia	38,318	508,417
North Carolina	50,704	635,428
South Carolina	34,000	289,436
Georgia	59,000	487,200
Florida	58,268	487,553
Alabama	52,425	558,017
Mississippi	47,000	819,806
Louisiana	44,893	549,117
Arkansas	52,703	943,810
Tennessee	45,000	830,913
West Virginia	23,000	310,912
Kentucky	37,600	871,736
Ohio	39,072	1,534,190
Michigan	36,431	953,316
Indiana	33,869	1,518,238
Illinois	55,414	2,551,045
Wisconsin	25,374	1,349,090
Minnesota	88,551	1,343,437
Iowa	55,465	3,767,340
Missouri	68,570	2,848,117
Totals	1,158,002	30,969,472

It will be noted that every state named is entirely a farm state without a taint of cattle range about it. Where wild lands occur in any of them, from Maine to Missouri, they at least subsist on cattle worth discussing. The cattle they possess are wholly horned folk of the farms. The list includes every state east of the Mississippi and the tier of states—Minnesota, Iowa, Missouri, Arkansas and Louisiana—next west. The second table, taking in the range states, is as follows:

STATES AND TERRITORIES	Area in Sq. Miles	Number of Cattle in Jan. 1895
Texas	697,260	8,881,944
Kansas	80,801	2,481,996
Nebraska	77,358	1,757,068
South Dakota	76,130	704,262
North Dakota	71,101	401,411
Montana	145,776	1,117,454
Wyoming	97,683	788,899
Colorado	104,501	1,004,206
Washington	66,084	542,670
Arizona	113,906	664,389
Utah	84,472	414,820
Nevada	112,600	277,274
Idaho	86,294	429,053
Oregon	96,734	917,147
California	155,801	1,385,336
New Mexico	112,191	908,386
Oklahoma	69,447	173,240
Totals	1,794,977	30,308,373

FACTS FOR FARMERS.

Rotation is essential to all proper farming.

If butter color is used it should be added to the cream before churning is begun.

Milk remaining in the udder longer than twelve hours loses in quantity and quality.

It does not pay to raise scrub horses, but there is always a demand for first-class animals.

Be careful not to change suddenly from old to new oats, and do not feed the latter in large quantities.

Disbudding is better than pruning. It saves the strength and vigor of the tree and the labor of the owner.

ANTHRAX is reported to be spreading among the cattle of New Jersey, and a great many losses are announced.

Cows kept on dry food alone require more water than when they have the run of the pasture or are given succulent food.

The production of wine in France for the year 1894 was 1,031,000,000 gallons, while that of the United States was only 25,000,000 gallons.

It is said that the polled Angus grades are more in demand in Europe than any other cattle. Herefords come next and Durhams last.

SECURE WATER TUB.

It Can Not Be Pushed Over by Mischievous or Greedy Animals.

The secure water tub in the pasture shown in this little picture will not be pushed over by stock, and will prevent



a mischievous animal from circling about the watering place to drive the younger or weaker stock away. If a light cover or roof is placed over the tub to keep out the hot sun so much the better. If the tub is fed from a spring, see that the spring is tightly covered to keep it cool, and keep cattle from tramping in it and fouling it.—Orange Judd Farmer.

Korean Punishment.

The Korean law reads: "One who owes money, and at the promised time fails to pay it, whether the debt be to his majesty the king or to another person or other persons, shall be beaten two or three times a month on the skin, and this punishment shall be continued until the debt is discharged. If a man died in debt, his relations must pay that debt, or be beaten two or three times a month on the skin."—Quaint Korea.

A PARALYTIC CURED.

His Grandfather, a Revolutionary Soldier, and His Father Both Died of Paralysis, Yet the Third Generation Is Cured—The Method.

From the Herald, Boston, Mass.

Like a thunderbolt from a clear sky, a stroke of paralysis came to Mr. Frank T. Ware, the well-known Boston auctioneer and appraiser, at 235 Washington street. He went to bed one night about six years ago, seemingly in robust health. When he awoke his left side was stiffened by the deadening of the nerves.

The interviewer sought out Mr. Ware to get the facts. He gave the interesting particulars in his own way:

"The first shock came very suddenly while I was asleep, but it was not lasting in its effects, and in a few weeks I was able to be about. A few months after, when exhausted by work and drenched with rain, I went home in a very nervous state. The result was a second and more severe shock, after which my left arm and leg were practically helpless.

"My grandfather, who was a soldier in the Revolutionary War, and lost an arm in the struggle for American independence, died finally of paralysis. My father also died of paralysis, although it was complicated with other troubles, and so I had some knowledge of the fatal character of the disease which is hereditary in our family. After the second shock I took warning, for, in all probability, a third would carry me off.

"Almost everything under the sun was recommended to me, and I tried all the remedies that seemed likely to do me good, electricity, massage and specialists, but to no effect.

"The only thing I found that helped me was Dr. Williams' Pink Pills, and I verily believe that if it hadn't been for those pills I would have been dead years ago.

"Yes, I still have a slight reminder of the last attack six years ago. My left arm is not as strong as the other and my left foot drags a little as the paralysis had the effect of deadening the nerves. But I can still walk a good distance, talk as easily as ever, and my general health is splendid. I am really over seventy years old, although I am generally taken to be twenty years younger than that.

"The Pink Pills keep my blood in good condition, and I believe that is why I am so well, although cheerfulness may help. I have thought of it a great many times and I honestly believe that the Pink Pills have saved my life."

Mr. Ware has every appearance of a perfectly healthy man, and arrives at his office promptly at eight o'clock every morning, although he has reached an age when many men retire from active life. His experience is well known to a great many people in Boston, where his constant cheerfulness has won him hosts of friends. He says that in his opinion both his father and grandfather could have been saved if Pink Pills had been obtainable at that time.

Dr. Williams' Pink Pills for Pale People contain all the elements necessary to give new life and richness to the blood and restore shattered nerves. They may be had of all druggists or direct by mail from the Dr. Williams' Medicine Co., Schenectady, N. Y., at 50c. per box, or six boxes for \$2.50.

"Dr. fac," said Uncle Eben, "dat some men gits erlong by jes' pertendin' ter be wise shows whut er good 'ting wisdom rally mus' be."—Washington Star.

Keep Your Weather Eye Open.

Fraud loves a shining mark. Occasionally spurious imitations spring up of Hostetter's Stomach Bitters, the great American family remedy for chills and fever, dyspepsia, constipation, biliousness, nervousness, neuralgia, rheumatism and kidney disorder. These imitations are usually fiery local bitters full of high wines. Look out for the firm signature on the genuine label and vignette of St. George and the Dragon.

JONES—"How's Wheeler getting along since he bought a bicycle?" Brown—"On crutches, I believe."—London Fun.

Forty Feeble Lungs Against Winter with Hale's Honey of Horehound and Tar. Pike's Toothache Drops Cure in one minute.

A DAY off—Yesterday.—Galveston News.

A WELL-DRESSED dog wears a collar and pants in the summer time.

A GOOD-NATURED spinster boasts that she always has two reliable beaux at hand—elbows.

SILENCE is golden, especially when you cannot think of a good answer on the spur of the moment.—Judy.

The world was born blind.—Ram's Horn.

A BARREN rook—When the cradled baby refuses to go to sleep.

The man who can impartially judge himself is fit to govern the world.—Milwaukee Journal.

EVERY difficulty slurred over will be a ghost to disturb your repose later on.—Chopin.

A LAZY man always hurries to dinner.

Why is a chicken like a farmer? Because both delight in a full crop.

TENNIS—"What are women's rights, papa?"—"Everything they want, my boy; always remember that."—Boston Courier.

ERASMUS—Student (translating)—"And—er—then—er—er—west—er—er." Professor—"Don't laugh, gentlemen, to err is human."—Life.

We enjoy much when we are thankful for little.—Ram's Horn.

A COAT is a good milker, but succeeds better as a butter.

As a rule, when a man has greatness thrust upon him, it doesn't take him very long to get rid of it.—Pack.

Visitors du museum—"Why don't you get a gruff?" Manager—"Can't afford it; they come too high."—Brooklyn Life.

A NOVEL piece of crockery—The cup that cheers.

Highest of all in Leavening Power.—Latest U.S. Gov't Report

Royal Baking Powder

ABSOLUTELY PURE

ACCEPTED—She (coldly)—"I hardly know how to receive your proposal. You know I am worth a million, of course." He (diplomatically)—"Yes—worth a million other girls." She (rapturously)—"Oh Jack!"—Truth.

Art thou in misery, brother? Then I pray be comforted. Thy grief shall pass away. Art thou elated? Ah! be not too gay; temper thy joy; this, too, shall pass away.—Paul H. Hayne.

This famous "new woman"

Still charming appears, She's "advanced" in ideas, But never in years.

—Washington Star.

If you can bear all your small trials you will never break down under your great ones.—Texas Siftings.

Tobacco's Triumph.

Every day we meet men who have apparently lost all interest in life, but they chew and smoke all the time and wonder why the sunshine is not bright, and the sweet birds' song sound discordant. Tobacco takes away the pleasures of life and leaves irritated nerve centers in return. No-To-Bac is the easy way out. Guaranteed to cure and make you well and strong, by Druggists everywhere.

More Recent—Jack—"Ah! You are a true daughter of Eve." Jess—"Indeed I am not. We go back only to William the Conqueror."—Pack.

Best of All

To cleanse the system in a gentle and truly beneficial manner, when the springtime comes, use the true and perfect remedy, Syrup of Figs. One bottle will answer for all the family and costs only 50 cents; the large size \$1. Try it and be pleased. Manufactured by the California Fig Syrup Co. only.

FIRST WISP FIEND (at hotel)—"He's a mean cuss; didn't give me a cent." Second WISP FIEND—"That fool I was brushin' give me a quarter."—Boston Transcript.



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—and no wonder. Think of the condition of those poor women who have to wash clothes and clean house in the old-fashioned way. They're tired, vexed, discouraged, out of sorts, with aching backs and aching hearts.

They must be out of their wits. Why don't they use Pearline? That is what every woman who values her health and strength is coming to. And they're coming to it now, faster than ever. Every day, Pearline's fame grows and its patrons increase in number. Hundreds of millions of packages have been used by bright women who want to make washing easy.

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